U.S. Department of Commerce, Patent and Trademark Office	Atty. Docket No.	Application No.
	AB-1417 US	10/527,042
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant(s)	
(Use several sheets if necessary)	KIM, Hee-Seob et al.	
	Filing Date	Group
	09/22/2005	2871

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AL	JP 2001-265287 A	09/28/2001	Japan			Abstract	
	AM	KR 1997-66687 A	10/13/1997	Korea			Abstract	
	AN	KR 2001-47093 A	06/15/2001	Korea			Abstract	
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	
	AR	
	AS	

Examiner	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-265287
(43)Date of publication of application : 28.09.2001

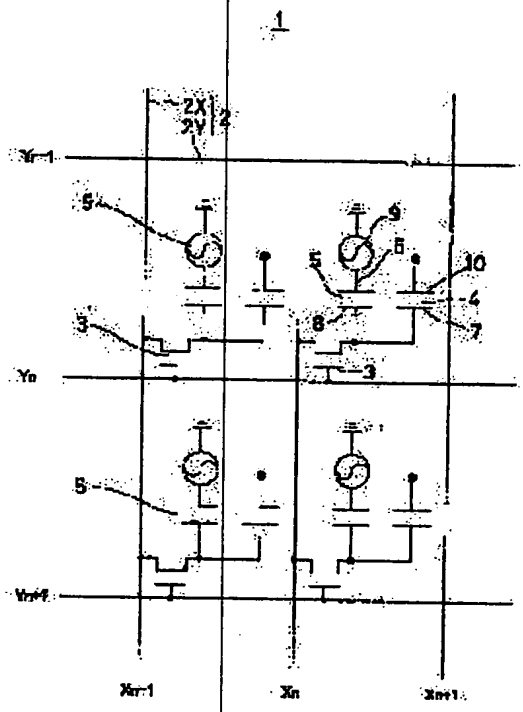
(51)Int.CI. G09G 3/36
G02F 1/133
G09G 3/20
H04N 5/66

(21)Application number : 2000-072649
(22)Date of filing : 15.03.2000

(71)Applicant : SHARP CORP
(72)Inventor : BAN ATSUSHI
OKADA YOSHIHIRO
NAKAMURA WATARU

(54) ACTIVE MATRIX TYPE DISPLAY DEVICE AND ITS DRIVING METHOD

(57)Abstract:
PROBLEM TO BE SOLVED: To perform pseudo impulse displays for reducing afterimages when performing a moving picture display in an active matrix type display device without increasing the frequency of a driving signal and changing the mechanism of a back light.
SOLUTION: The displaying of pictures is performed by forming liquid crystal capacitors 4 in vicinities of intersection parts of signal lines 2X and scanning lines 2Y. An auxiliary capacitor 5 for holding a potential difference when performing a display is provided with respect to the liquid crystal capacitance 4. One of auxiliary capacitance electrodes 8 in both electrodes of the capacitor 5 is connected to a switching element 3 together with a pixel electrode 7 being one side in both electrodes of the capacitance 4. After the element 3 is brought into conduction selectively with the scanning line 2Y and capacitance 4 and the capacitor 5 are charged with a video signal from the signal line 2X, after a fixed time is elapsed, a signal which changes in a direction along which luminance of a display by the capacitor 4 is lowered is applied to the electrode of other side of capacitor 5 by an auxiliary capacitance driver 9 and, then, a pseudo impulse display is performed. Thus, the afterimage characteristic of the display device is improved.



LEGAL STATUS

[Date of request for examination] 12.07.2002
[Date of sending the examiner's decision of rejection]
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]
[Date of final disposal for application]
[Patent number] 3536006
[Date of registration] 19.03.2004
[Number of appeal against examiner's decision of rejection]
[Date of requesting appeal against examiner's decision of rejection]